

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

072347888

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

072347896

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

071472232 071472240 071472257

# CROSSTEX SPARKLE V – VARNISH

Item code: UFVBG

## MATERIAL SAFETY DATA SHEET

### **PRODUCT IDENTIFICATION**

Flavor: Bubble Gum

### **COMPOSITION/INFORMATION ON INGREDIENTS**

Product Contents: Colophony Desensitizing Dental Varnish, Tooth Shade A2-Bulk

Hazardous Ingredients:

Rosin 50-70% EINECS: 232-475-7 CAS: 8050-09-7 [Sens.] R43

Ethanol 10-30% EINECS: 200-578-6 CAS: 64-17-5 [F] R11

Sodium Fluoride 1-10% EINECS: 231-667-8 CAS: 7681-49-4 [T] R25; [-] R32; [Xi] R36/38

### **HAZARDS IDENTIFICATION**

Harmful if swallowed. Contact with acids liberates very toxic gas. May cause sensitisation by skin contact.

### **FIRST AID MEASURES**

#### **Symptoms Action**

Skin Contact: There may be mild irritation at the site of contact. Wash immediately with plenty of soap and water.

Eye Contact: There may be irritation and redness. Bathe the eye with running water for 15 minutes.

Ingestion: There may be irritation of the throat. Wash out mouth with water.

Inhalation: No symptoms. Consult a doctor.

### **FIRE-FIGHTING MEASURES**

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

Use water spray to cool containers.

Exposure hazards: In combustion emits toxic fumes.

Protection of firefighters: Wear self-contained breathing apparatus.

Wear protective clothing to prevent contact with skin and eyes.

### **ACCIDENTAL RELEASE MEASURES**

Personal precautions: Refer to section 8 of SDS for personal protection details.

Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### **HANDLING AND STORAGE**

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

### **EXPOSURE CONTROLS/PERSONAL PROTECTION**

Hazardous ingredients: ETHANOL, TWA 1920 mg/m3

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is at hand.

Skin protection: Protective clothing.

### **PHYSICAL AND CHEMICAL PROPERTIES**

State: Paste

Color: Off-white

Odor: Characteristic odor

Evaporation rate: Moderate

Solubility in water: Slightly soluble

Also soluble in: Ethanol

Viscosity: Viscous

### **STABILITY AND REACTIVITY**

Stability: Stable under normal conditions.

Conditions to avoid: Heat

Materials to avoid: Strong oxidizing agents. Strong acids.

Haz. Decomp. Products: In combustion emits toxic fumes.

PRD/UFVBG-INS

Rev. 0 - 7/10

### **TOXICOLOGICAL INFORMATION**

Hazardous ingredients:

### **ETHANOL SODIUM FLUORIDE**

IVN RAT LD50 1440 mg/kg ORL MUS LD50 57 mg/kg

ORL MUS LD50 3450 mg/kg ORL RAT LD50 52 mg/kg

ORL RAT LD50 7060 mg/kg SCU RAT LD50 175 mg/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

### **ECOLOGICAL INFORMATION**

Mobility: Readily absorbed into soil.

Persistence and degradability: Biodegradable.

Bioaccumulative potential: No bioaccumulative potential.

Other adverse affects: Negligible ecotoxicity.

### **DISPOSAL CONSIDERATIONS**

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

### **TRANSPORT INFORMATION**

ADR/RID UN no: -

Shipping name: NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.

IMDG/IMA UN no: -

IATA/ICAO UN no: -

### **REGULATORY INFORMATION**

Hazard symbols: Harmful.

Risk phrases: R22: Harmful if swallowed.

R32: Contact with acids liberates very toxic gas.

R43: May cause sensitisation by skin contact.

Safety phrases: S24: Avoid contact with skin.

S37: Wear suitable gloves.

PRECAUTIONARY PHRASES: Restricted to professional users.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet.

The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

### **OTHER INFORMATION**

Risk phrases used in s.2: R43: May cause sensitisation by skin contact.

R11: Highly flammable.

R25: Toxic if swallowed.

R32: Contact with acids liberates very toxic gas.

R36/38: Irritating to eyes and skin.

Legal disclaimer:

### **CAUTION: PRODUCT FOR PROFESSIONAL USE ONLY.**

The above information is based on presently available data and to our best knowledge for handling the product under normal conditions. any use of this product in any way not indicated on this document or using it together with any other process/procedure will be exclusively under the user's responsibility.

### **SPECIAL INFORMATION – 24 HR EMERGENCY TELEPHONE NUMBER:**

\*INFOTRAC = 1-800-535-5035 or local poison control center.

Note: Crosstex Int. has compiled this data based on the research & input of qualified experts in the field of microbiology, chemistry and quality assurance.

The data are not to be taken as a warranty or representation for which Crosstex Int. assumes legal responsibility.

They are offered only for your consideration and verification.

## Safety Data Sheet

### SECTION 1: IDENTIFICATION

**Product Identifier**

Product Name: Sparkle V® 5% Sodium Fluoride Varnish with Xylitol

**Other Means of Identification**

Product Item Code(s): UFVBG and UFVM

**Recommended use of the chemical and restriction on use**

Recommended Use: Dental Product

Restrictions on Use: For use by dental professional only

**Name, address, telephone number of the supplier:**

Company Address: Crosstex International  
10 Ranick Road  
Hauppauge, New York  
11788  
631.582.6777

**Emergency Phone Numbers:**

INFOTRAC:  
24-Hour Number: 1-800-535-5053  
International: +1-352-323-3500

### SECTION 2: HAZARD(S) IDENTIFICATION

**GHS Classification**

- Flammable liquid category 2.
- Acute Toxicity category 3.
- Eye Irritant category 2.
- Skin Sensitizer category 1.

**Signal Word:** Danger

**Hazard Statements:**

H225: Highly flammable liquid and vapor.

H302: Harmful if swallowed.

H319: Causes serious eye irritation.

**Pictograms:**

Flammable   Harmful  
                    Irritant

**Precautionary Statements:**

P210: Keep away from heat. Sparks, open flames, and hot surfaces. No smoking.

P102: Keep out of the reach of children.

P264: Wash hands thoroughly after handling.

**Hazards not otherwise classified:** None

**Unknown Acute Toxicity:** No ingredient with unknown toxicity.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No./ EINECS No.	Percent (By Weight)
Ethanol	64-17-5/200-578-6	20-35%
Sodium Fluoride	7681-49-4/231-667-8	4-6%
Synthetic Resin	68990-02-3/273-574-5	50-70%

### SECTION 4: FIRST AID MEASURES

**Eye Contact:** Flush eyes with large quantities of water for at least 15 minutes, holding the eyelids apart. Get medical attention if irritation develops or persists.

**Skin Contact:** Wash skin with plenty of soap and water. Get medical attention if irritation develops.

**Ingestion:** Do not induce vomiting. If conscious, rinse out mouth with water and give copious amounts of milk, or water if milk is not available. Never give anything by mouth to an unconscious person. If symptoms persist, get immediate medical attention.

**Inhalation:** Move victim to fresh air. If breathing is difficult have qualified personnel administer oxygen. Get medical attention if irritation persists.

**Most Important symptoms/effects, acute and delayed:**

May cause eye and skin irritation. May cause skin sensitization. May be harmful if swallowed.

**Indication of immediate medical attention and special treatment needed:**

No information available.

### SECTION 5: FIRE FIGHTING MEASURES

**Extinguishing Media:** Use media appropriate for surrounding fire.

**Specific hazards arising from the chemical:** Highly flammable liquid and vapor.

**Special Protective equipment and precautions for firefighters:** Firefighters should wear full emergency equipment and positive pressure self-contained breathing apparatus.

**Unusual Fire/Explosion Hazards:** None under normal conditions of use.

**Known or Anticipated Hazardous Products of Combustion:** Carbon monoxide, carbon dioxide and toxic fumes.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Avoid contact with eyes, skin and clothing. Use appropriate protective equipment as described in Section 8.

**Environmental Precautions:** Prevent spill from entering waterways.

**Methods and materials for containment and cleaning up:** Wipe up or collect using an inert absorbent material and place in appropriate containers for disposal. Rinse spill area with water. Prevent spill from entering sewers and water courses. Report releases as required by local, state and federal authorities.

## SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling:** Avoid contact with the eyes, skin and clothing. Wear protective clothing and equipment as described in Section 8. Wash thoroughly with soap and water after handling. Keep containers tightly closed when not in use.

Do not reuse containers. Empty containers retain product residues that can be hazardous. Follow all safety precautions when handling empty containers.

**Conditions for safe storage including any incompatibilities:** Store in a cool, dry, well-ventilated area. Do not store above 25°C (77°F). Keep out of direct sunlight. Keep away from heat and ignition sources. Keep out of reach of children.

## SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Exposure Control Parameters:** The parameters are not provided for the product itself. They are provided for the ingredients listed below:

**Occupational Exposure Limits:**

Sodium Fluoride (as Fluoride)	2.5mg/m <sup>3</sup> TWA ACGIH 2.5mg/ m <sup>3</sup> TWA OSHA
Ethanol	1000 ppm STEL ACGIH 1900 mg/m <sup>3</sup> TWA OSHA

**Appropriate Engineering Controls:** No special ventilation normally required. For bulk handling, use ventilation that is adequate to maintain exposure levels below the occupational exposure limits.

**Individual Protection Measures:**

**Personal Protective Equipment**

**Eye Protection:** Safety glasses recommended.

**Skin Protection:** Wear impervious gloves.

**Respiratory Protection:** None should be needed for normal use. If the exposure limits are exceeded an approved respirator with particulate cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with applicable regulations and good industrial hygiene practice.

**Other Protective Clothing or Equipment:** None needed for normal use. Impervious clothing as needed to avoid contamination of personal clothing for bulk handling.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Off white to yellow colored liquid.

**Odor:** Characteristic

**Odor Threshold:** Not available

**pH:** Not available

**Melting Point:** Not applicable

**Freezing Point:** Not available

**Boiling Point/Range:** Not available

**Flashpoint:** Not available

**Evaporation Rate:** Not available

**Flammability (solid, gas):** Not available

**Upper/lower flammability or explosive limits:**

LEL: Not available

UEL: Not available

**Vapor Pressure:** Not available

**Vapor Density:** Not available

**Relative Density:** Not available

**Solubility in water:** Slightly soluble

**Partition coefficient**

**(n-octanol/water):** Not available

**Autoignition Temperature:** Not available

**Decomposition Temperature:** Not available

**Viscosity:** Not available

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** None known

**Chemical Stability:** Stable

**Possibility of Hazardous Reactions:** None under normal conditions of use

**Conditions to Avoid:** Keep away from ignition sources.

**Incompatible Materials:** Avoid oxidizing agents and strong acids.

**Hazardous Decomposition Products:** May produce carbon monoxide, carbon dioxide and toxic fumes.

## SECTION 11: TOXICOLOGICAL INFORMATION

### **Information on Toxicological Effects**

Toxicological data not available for the product itself. The data provided are for the ingredients listed below.

Sodium Fluoride: Oral rat LD<sub>50</sub>: 52 mg/kg

Ethanol: Oral rat LD<sub>50</sub>: 7060 mg/kg

**Likely Routes of Exposure and the Symptoms related to the Physical, Chemical and Toxicological****Characteristics:**

**Eyes:** Direct contact causes eye irritation.

**Skin:** Prolonged skin contact may cause irritation.

**Inhalation:** No adverse effects expected, under normal conditions of use.

**Ingestion:** May cause salivation, nausea, vomiting, abdominal pain, headaches, or dizziness.

**Chronic Health Effects:** Not expected under normal conditions of use. Repeated overexposure to Sodium Fluoride may cause fluorosis.

**Mutagenicity:** No data available.

**Carcinogenicity:** Not known to be as carcinogen or potential carcinogen by NTP (National Toxicological Program), IARC (International Agency for the Research of Cancer) or OSHA (Occupational Safety and Health Administration).

**Medical Conditions Aggravated by Exposure:** Individuals with pre-existing skin disease may be at increased risk from exposure.

**SECTION 12: ECOLOGICAL INFORMATION****Eco toxicity**

Ecological data not available for the product itself. The data provided are for the ingredients listed below:

Sodium Fluoride: 96 hrs. LC<sub>50</sub> fish: >100 mg/L

Ethanol: 96 hrs. LC<sub>50</sub> rainbow trout: >10,000 mg/L

**Persistence and degradability**

No information available

**Bioaccumulative Potential:** No data available

**Mobility in soil:**

No data available

**Other adverse effects:**

No information available

**SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose in accordance with national and local regulations.

**SECTION 14: TRANSPORT INFORMATION**

\*Please refer to your local, state and national transport regulations as limited quantity exceptions may apply for the product as supplied, before the use of the information provided in this section.

DOT (US)

Proper Shipping Name: Ethanol solutions

Hazard Class: 3

UN Number: UN 1170

Packing Group: II

Air (IATA/ICAO)

Proper Shipping Name: Ethanol solutions

Hazard Class: 3

UN Number: UN 1170

Packing Group: II

IMO/IMDG

Proper Shipping Name: Ethanol solutions

Hazard Class: 3

UN Number: UN 1170

Packing Group: II

## SECTION 15: REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS:

#### SARA TITLE III:

**Hazard Category for Section 311/312:** Acute Health, Fire Hazard.

**Section 313 Toxic Chemicals:** This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None at or above reportable quantity.

**Section 302 extremely hazardous Substances (TPQ):** None at or above reportable quantity

**EPA Toxic Substances Control Act (TSCA) Status:** This product is a medical device and not subject to chemical notification requirements.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

## SECTION 16: OTHER INFORMATION

Risk phrases used in Section 2:

H225: Highly flammable liquid and vapor.  
H302: Harmful if swallowed.  
H319: Causes serious eye irritation.

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